

10 Feb 1956

ITEMS TO BE EXPEDITED

Hewlett-Packard 909-256-56

1. Standing wave indicator, 415B
9. Coaxial slotted section, 806B
2. Universal probe carriage, 809B
10. Detector mount, 440A
11. Broad band probe, 442B
12. Broad band probe, untuned, 444A

General Electric 909-255-56

1. Relay
2. Relay

Transistors 909-248-56

1. 2N43
2. 2N44

MINIFON (5 hour) recorder

Microswitches

1M31 Video crystals

This document is part of an information
file. If separated from the file, it should be
subjected to individual information review.

DOC	5	REV DATE	2-12-80	BY	808632
ORIG COMP					
ORIG CLASS					
JUST					

these curves were reprinted from
curves received from [redacted]

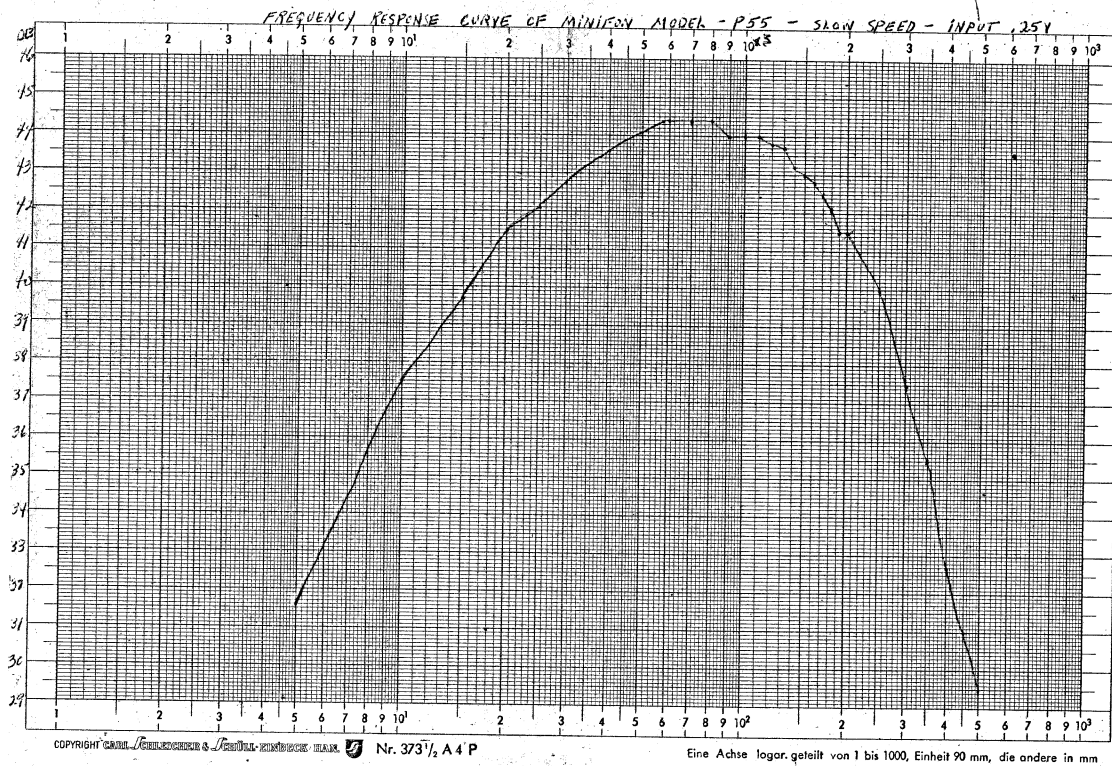
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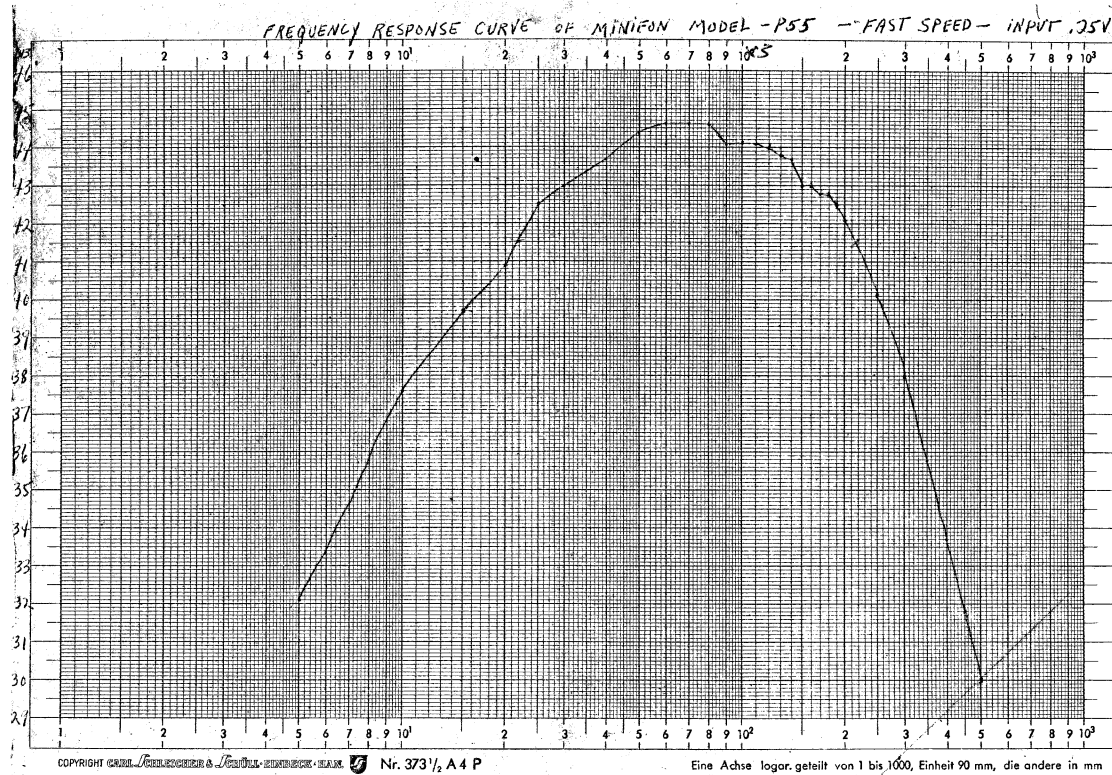
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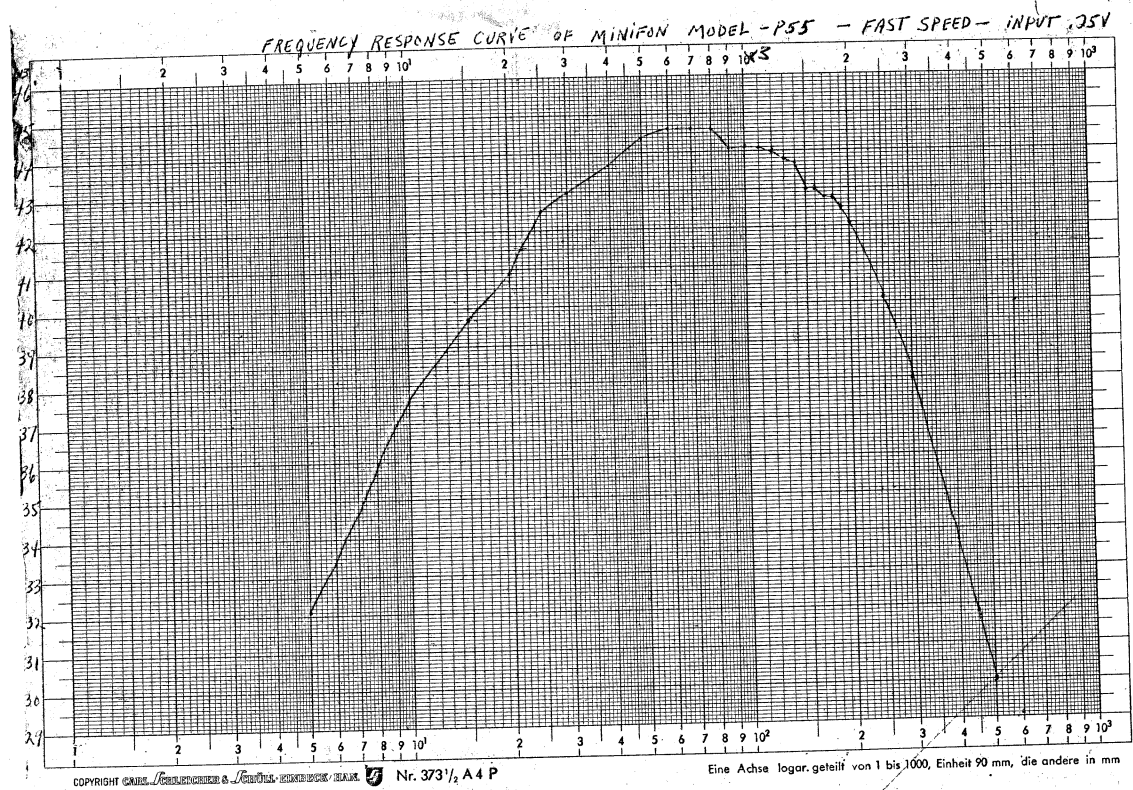
[redacted] No info is available as
how the data were taken.

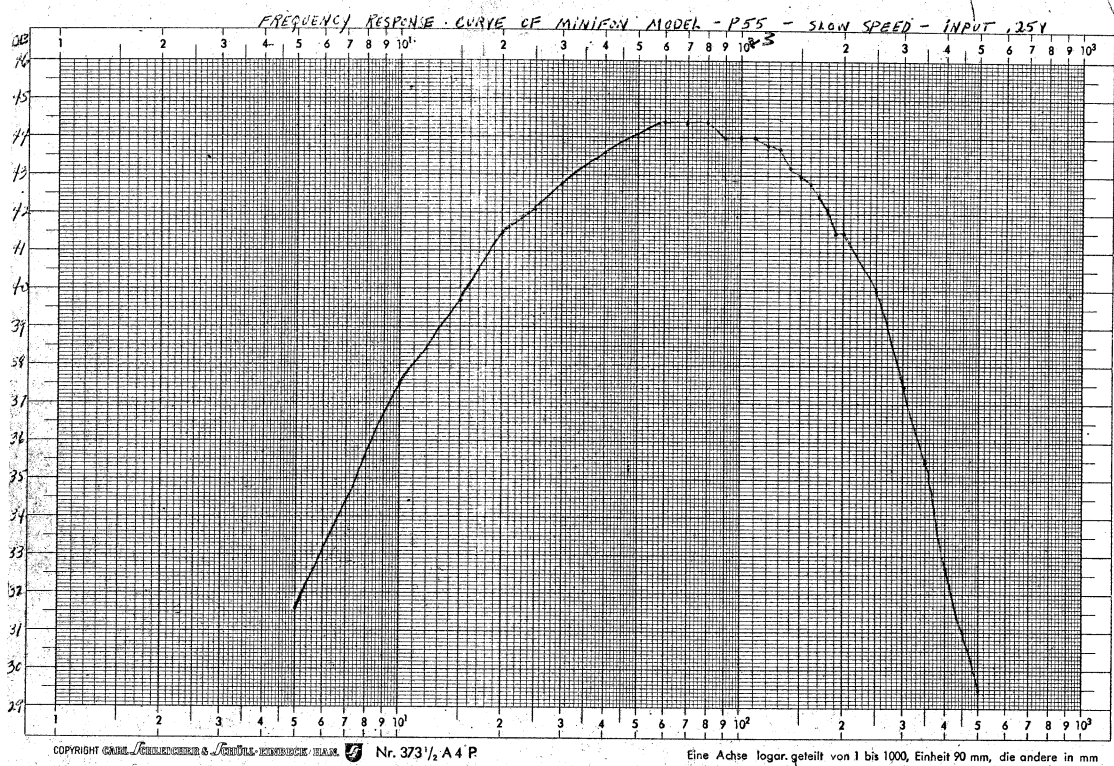
ACS 3 august 56

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file. If separated from the file, it should be
subjected to manual review.



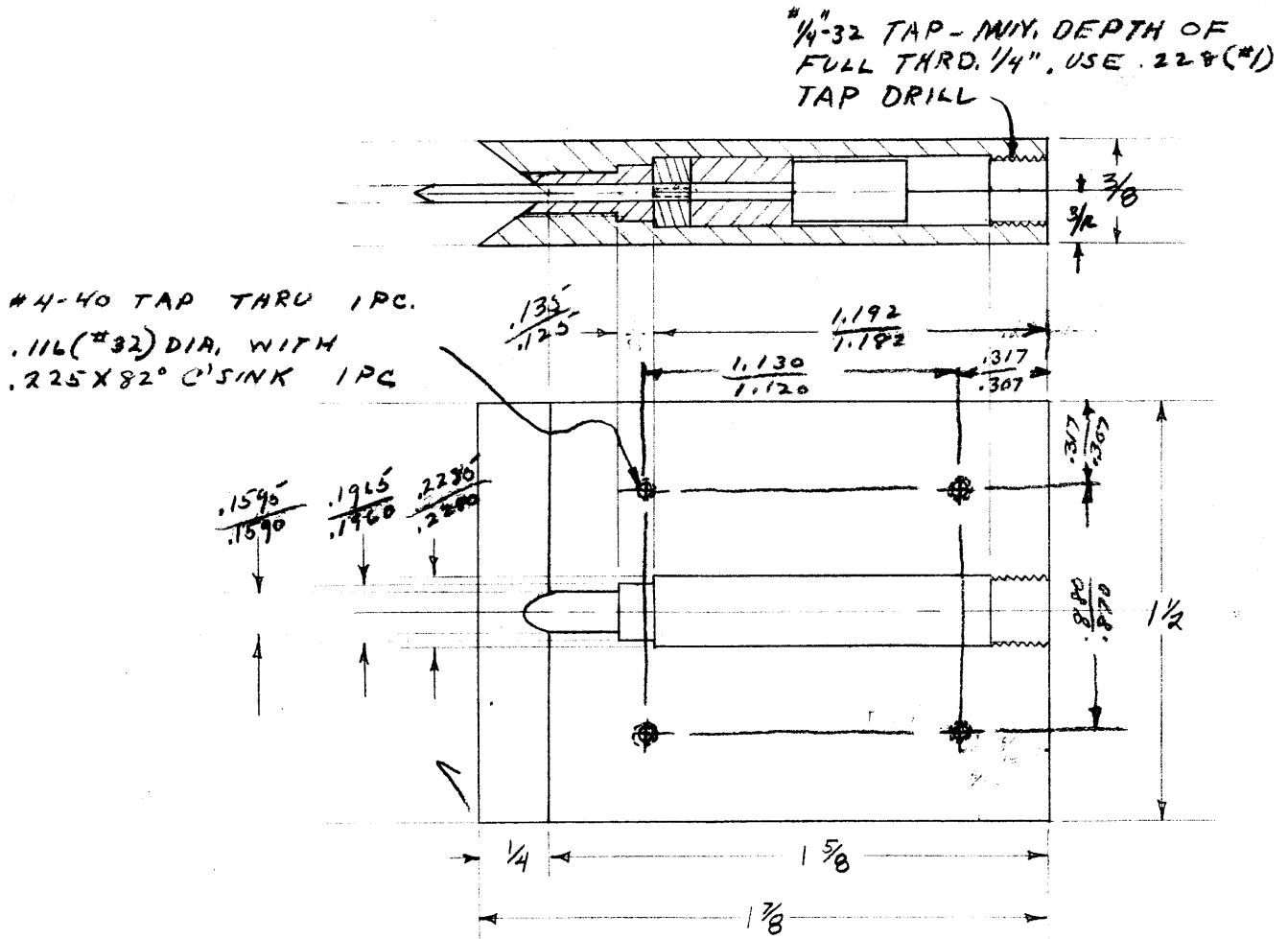


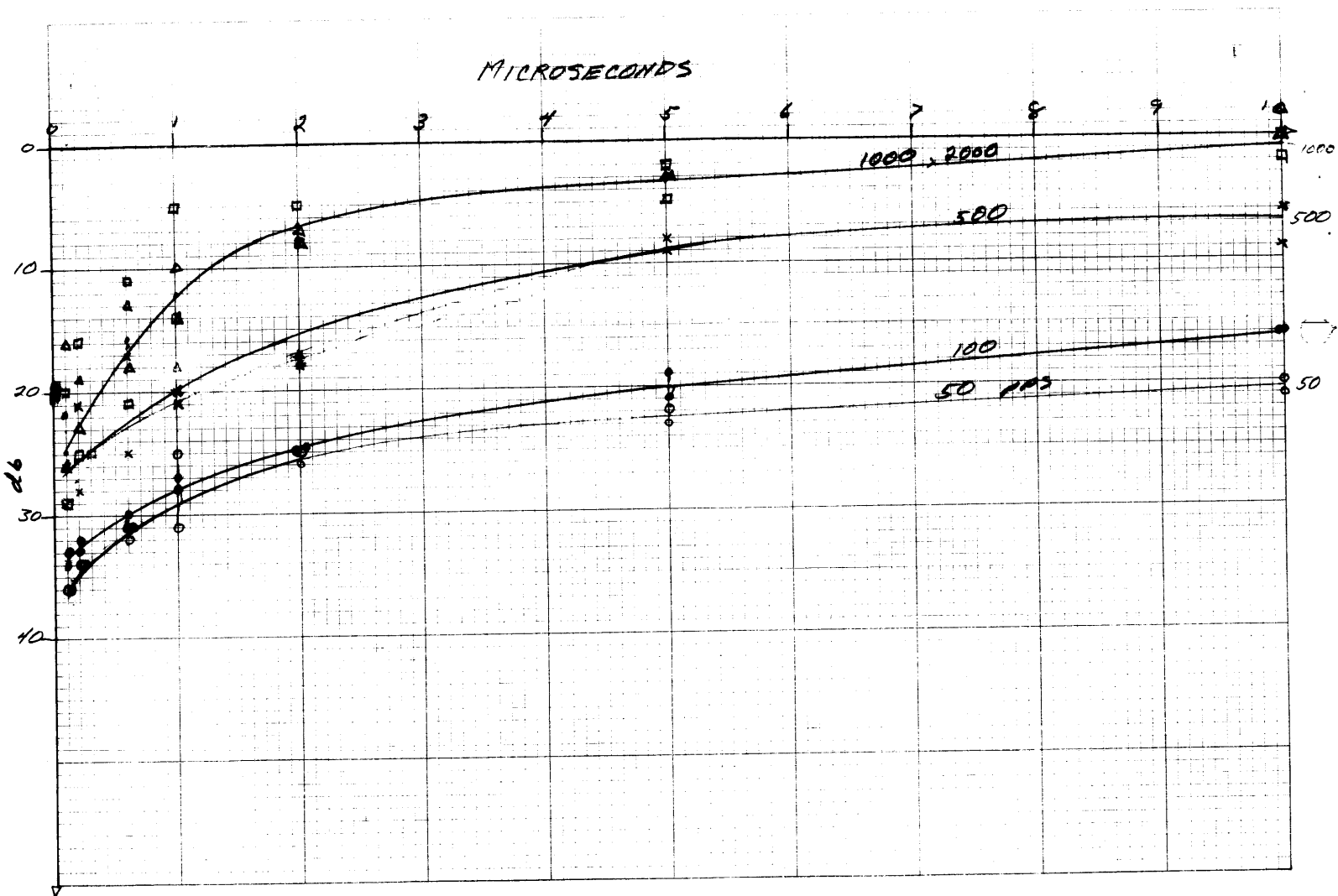


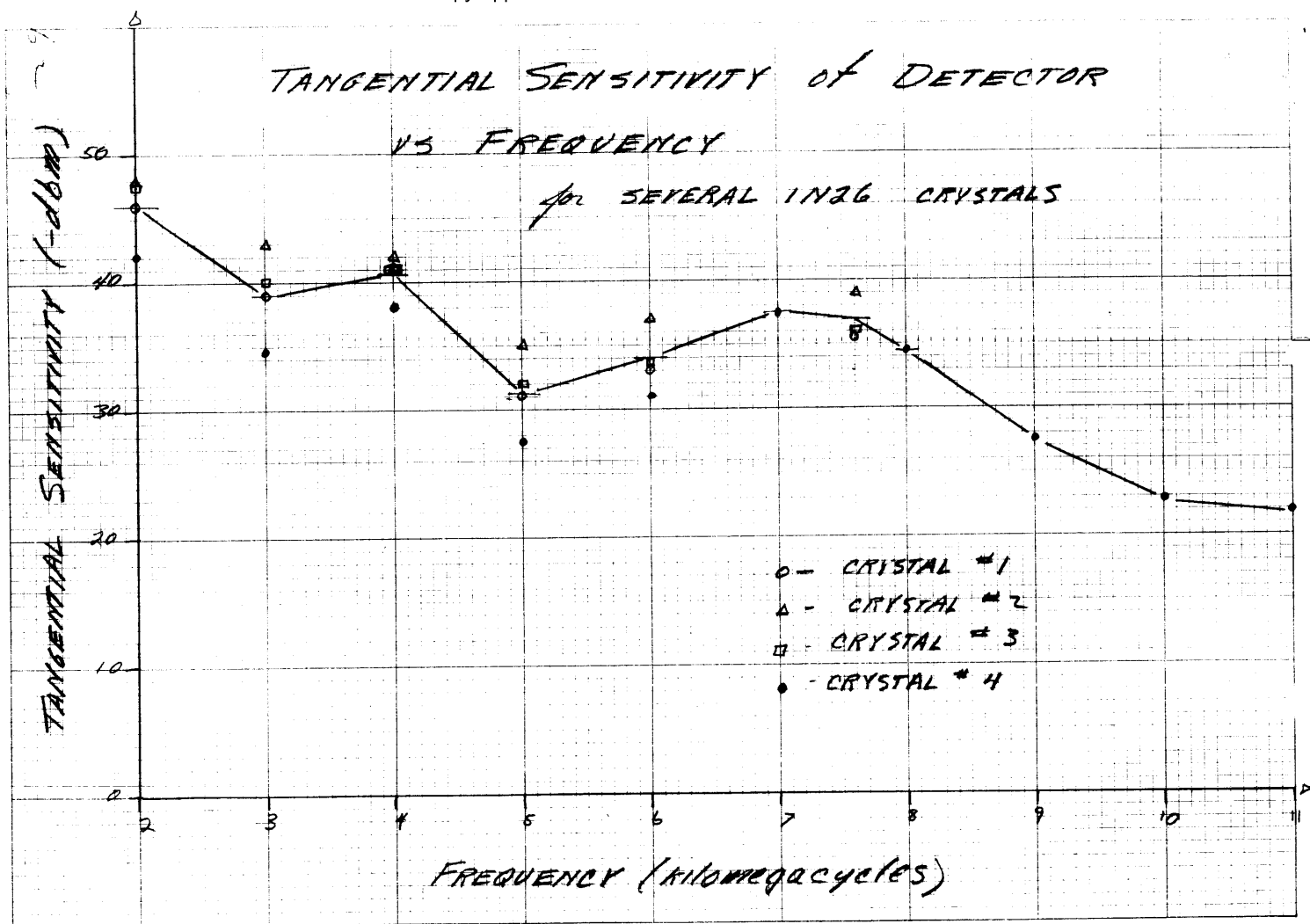


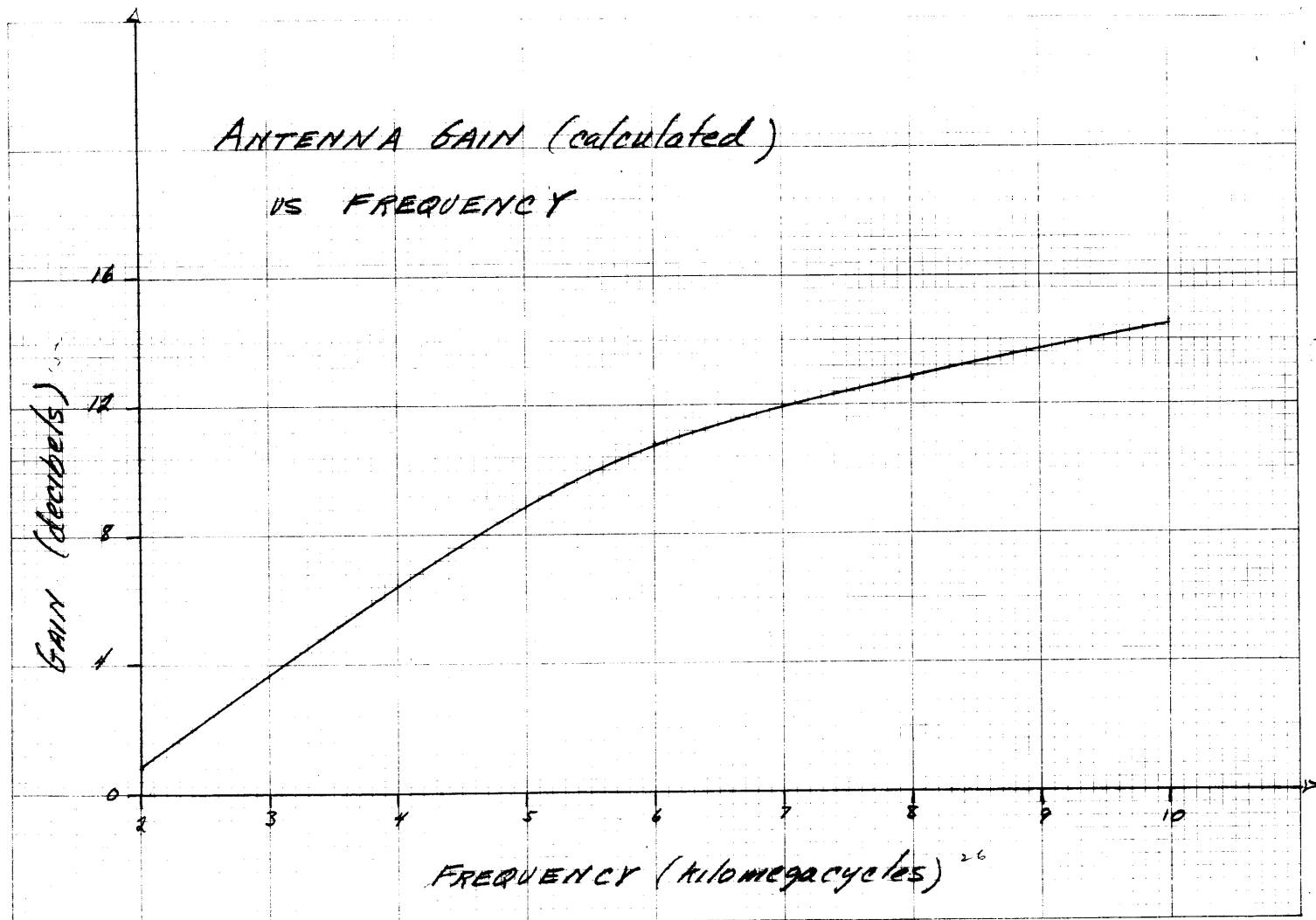
MATERIAL - 2024 T-V

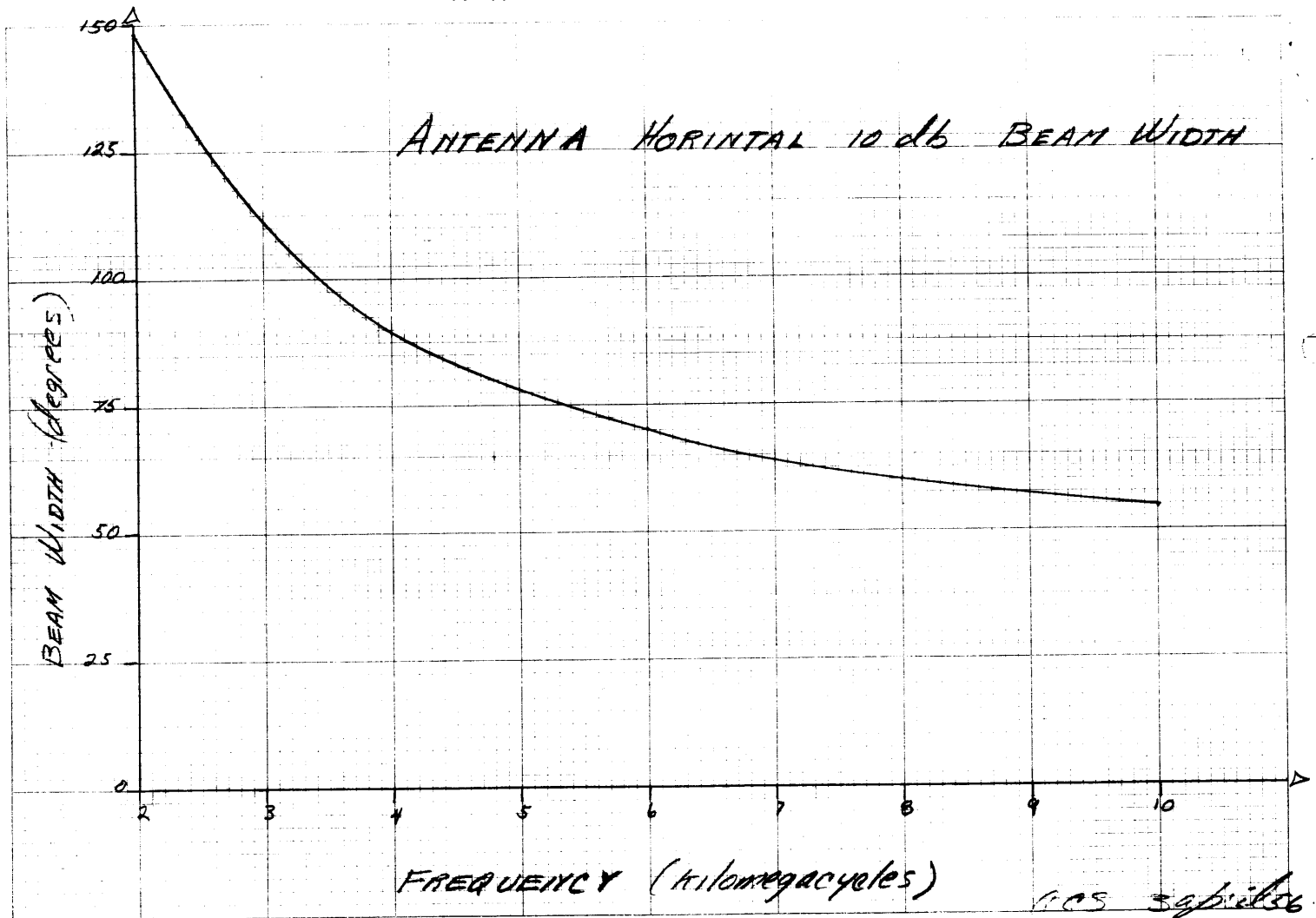
QUAN. - 1

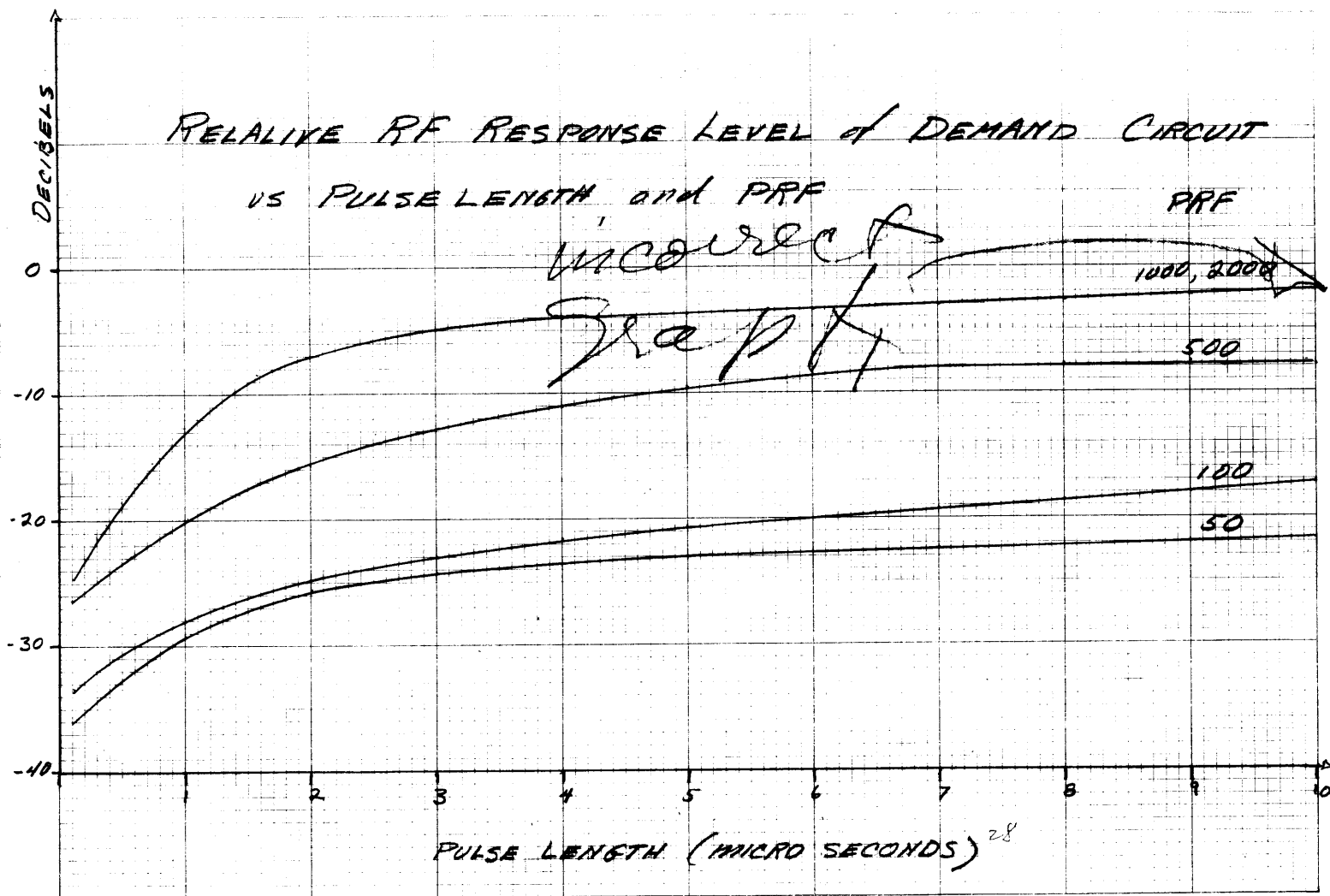


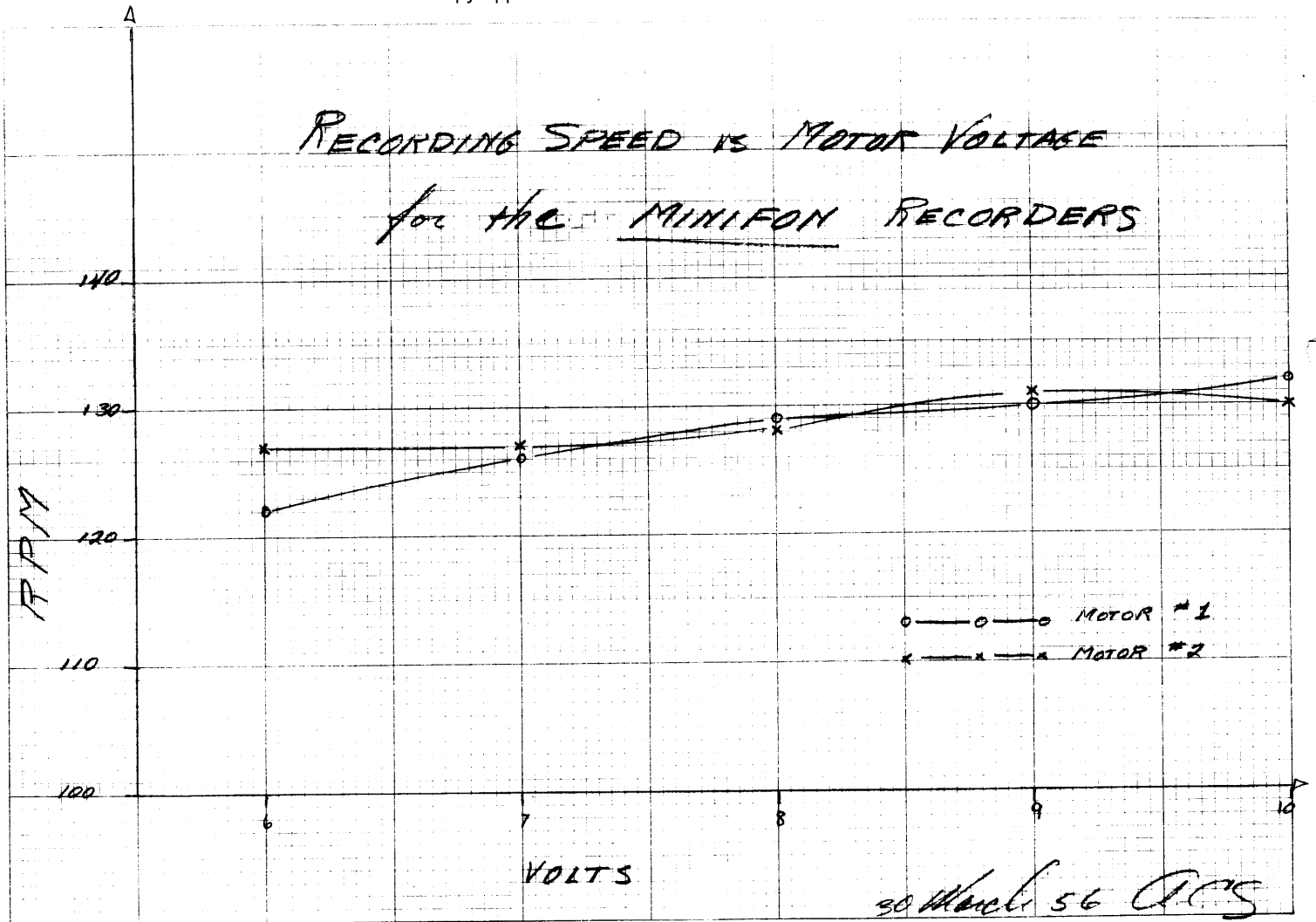


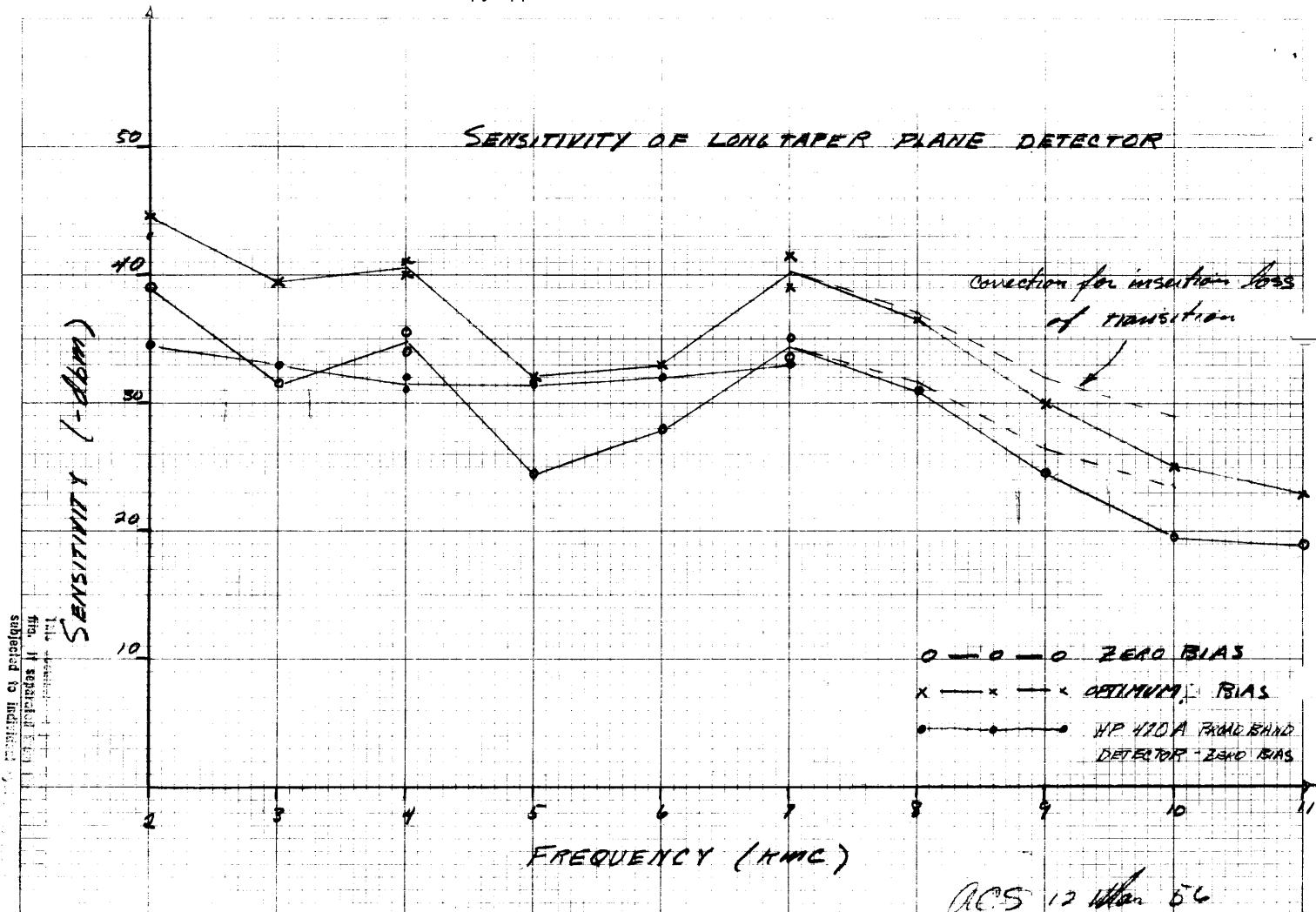












Demand Circuit

ACS

18 Feb 1956

This document is part of an electronic

Demand Circuit

I Sensitivity: It was very difficult to measure the sensitivity of the demand circuit due to the presence of varying and intermittent noise.

The data recorded is a single complete run which was significantly larger than any others.

II Pulse stretcher:

this is true
at .25 volts A. * The 1N56 was used in preference
not at .15 volts to the 1N67 because when the
overall shunt to series resistance
ratio is better with the impedance
available in the amplifier

B the condensor was chosen to stretch a 1 μ sec pulse 20 times at 0.1 volts input.

~~$$R = \frac{1}{\frac{1}{80K} + \frac{1}{470K}} = 71K$$~~

~~$$RC = 20 \times 10^{-6}$$~~

~~$$C = 270 \mu\mu f$$~~

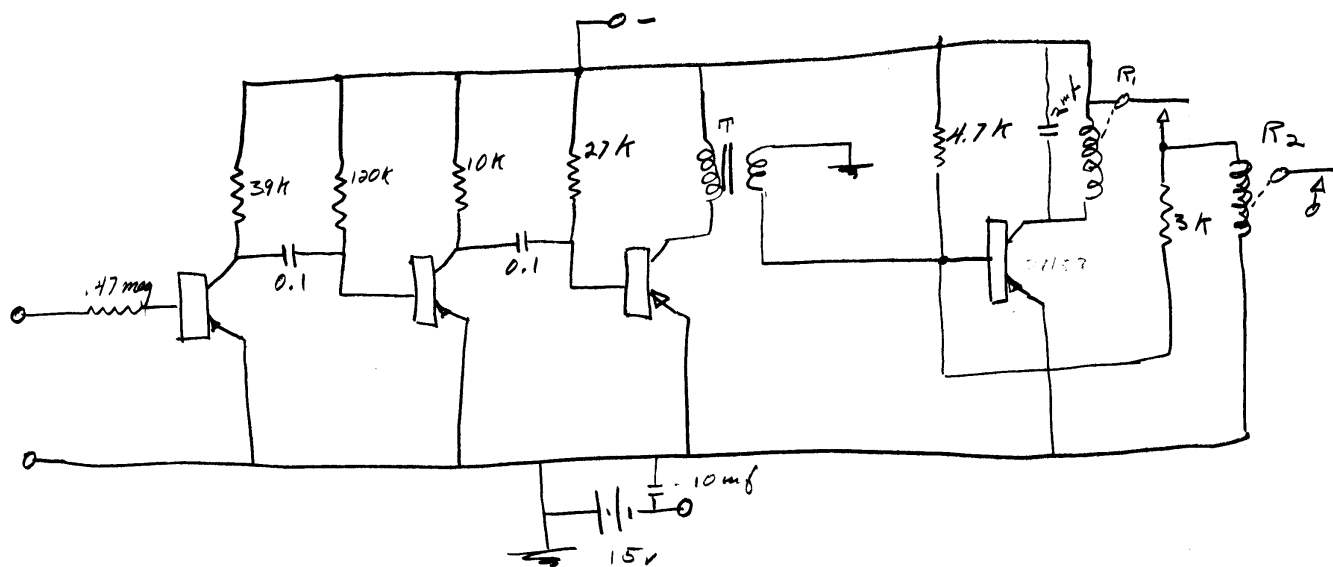
1N67

$$R = \frac{1}{\frac{1}{1.8} + \frac{1}{6}} = 180K$$

$$RC = 20 \times 10^{-6}$$

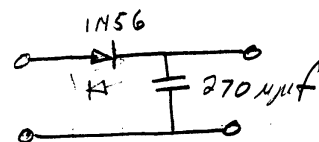
$$C = 110 \approx 100 \mu\mu f$$

DEMAND CIRCUIT



$T = 20,000 - 400 \text{ } \Omega$

R_1, R_2 Elgin pneumatic relays



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